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(54) Title: PROCESS FOR THE MANUFACTURE OF A BITUMEN-AGGREGATE MIX SUITABLE FOR ROAD PAVEMENT

(57) Abstract: The present invention relates to an aqueous quick-setting bitumen-aggregate mix suitable for cold pavement of roads, parking places, sidewalks and the like. The bitumen-aggregate mix is manufactured by mixing a mineral aggregate, water, a de-emulsifier, containing hydraulic cement, and a cationic oil-in-water bitumen emulsion, containing, as an emulsifier, a salt of a tertiary diamine and a phosphoric acid. The diamine has the formula (I), where one or two of the groups R₁, R₂, R₄ and R₅ designate a hydrocarbon group of 6-22, preferably 8-20 carbon atoms, and the remaining R₁, R₂, R₄ and R₅ groups are an alkyl group with 1-4 carbon atoms, and/or a group -(A)₂H, where A is an alkyleneoxy group with 2-3 carbon atoms, and s is a number from 1-4, R₃ is an alkylene group with 2-4 carbon atoms and n is a number from 0-2.



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